200000129

No.

### <u> THE UNITED STATES OF AMERICA</u>

<u>TO ALL TO WHOM THESE; PRESENTS; SHATE, COME;</u>

Seminis Hegetable Seeds, Inc.

MICCOLS, THERE HAS BEEN PRESENTED TO THE

### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE HT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR STING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE CURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY LANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

#### **LETTUCE**

#### 'Tarragona'

In Testimonn Microst, I have hereunto set my hand and caused the seal of the Plant Bariety Frotection Office to be affixed at the City of Washington, D.C. this seventh day of August, in the year two thousand and six.

Attast:

8cm Juhr

Commissioner Plant Variety Protection Office Agricultural Marketing Sorvice Sture

| REPRODUCE LOCALLY. Include form number and date on a  U.S. DEPARTMENT OF ACRICULTURE  AGRICULTURAL MARKETING SERVICE   |   | The following statements are me  | FORM APPROVED - OMB NO. 0581-009<br>ode in accordance with the Privacy Act of                      |
|--|---|--|--|
| SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROT   | ECTION OFFICE   | 1374 (5 U.S.C. 552a) and the Pa  | perwork Reduction Act (PRA) of 1995.   |
| APPLICATION FOR PLANT VARIETY PROTECTION  (Instructions and information collection burden statem   | N CERTIFICATE   | Application is required in order certificate is to be issued (7 U.S. until certificate is issued (7 U.S. ( | to determine if a plant variety protectio<br>C. 2421). Information is held confidenti<br>C. 2426). |
| NAME OF APPLICANT(S) (as it is to appear on the Certificate)   | 10101367  | 2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER  | 3. VARIETY NAME  |
| SEMINIS VEGETABLE SEEDS, INC.  |   | GX920  | TARRAGONA  |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Cou.   | ····  |  |  |
|  |   | 6. TELEPHONE finclude area codej   | FOR OFFICIAL USE ONLY  |
| 37437 STATE HIGHWAY 16 2700 Camin WOODLAND, CA 95695   | •   | 530-669-6172   | PVPO NUMBER<br>2000000129  |
| OXNAL CA   |   | 8. FAX (include area code)   | F DATE   |
| 430  | 30 - 7967   | 530-666-6791   | 1 Jan. 27,2000   |
| 7. GENUS AND SPECIES NAME  | To summer   |  | N  |
| Lactuca sativa   | 8. FAMILY NAME (Bote                                      | ·  | FIUNG AND EXAMINATION FEE:   |
|  | COMPOSIT  | AE   | E 2450 00  |
| 9. CROP KIND NAME (Common name)  |   |  | B Dec. 6, 1999   |
| <u> Lettuce</u>  |   |  | R UEC. U, ITI  |
| o. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZA Seminis Vegetable Seeds, Inc.   | TION (corporation, partners                               | hip, association, etc.) (Common name)  | C CERTIFICATION FEE:   |
| 1. IF INCORPORATED, GIVE STATE OF INCORPORATION  |   |  | 10 768   |
| California   |   | 12. DATE OF INCORPORATION  | E DATE   |
| 3. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SER   | VE IN THE ADDITION  | 1962   | 5/8/06   |
|  | VE IN THIS APPLICATION                                    | AND RECEIVE ALL PAPERS   | 14. TELEPHONE finclude area code!  |
| Thomas Kramer  |   |  | 31-317-450-218   |
| NUDE 54D<br>6702 DN Wageninger   | **  |  | 16. FAX finclude area code)  |
| Netherlands  |   | ,  | <br>  31-317 <b>-</b> 450-217  |
| . CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow in   | nstructions on reversel                                   | · · · · · · · · · · · · · · · · · · ·  | 31-31/-450-21/   |
| a. LX Exhibit A. Origin and Breeding History of the Variety  | •   |  |  |
| b. A Exhibit B. Statement of Distinctness c. A Exhibit C. Objective Description of the Variety   | •   |  |  |
| d. Exhibit D. Additional Description of the Variety (Optional)   | · · · · · · · · · · · · · · · · · · ·                     |  | •  |
| e. [X Exhibit E. Statement of the Basis of the Applicant's Ownership   |   | •  | •  |
| f. Noucher Sample (2,500 viable untrasted seeds or, for tuber propagated   | varieties verification that ti                            | ssue culture will be deposited and maintaine   | d in an approved public repository.  |
| Treasurer of the   | = United States" (Mail to PV                              | POJ  |  |
| DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY V  YES III "yes," answer items 18 and 19 below!  | ARIETY NAME ONLY, AS A                                    | CLASS OF CERTIFIED SEED? (See Section  | 83(a) of the Plant Variety Protection Act)   |
| DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED A  | _:  | IF "YES" TO ITEM 18, WHICH CLASSES O   | E PRODUCTION REVOND REFERENCE  |
| ☐ YES X☐ NO  |   | _  | *  |
| HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELE  | ASED, USED, OFFERED FO                                    | FOUNDATION REGISTERED  | CERTIFIED  |
| ( Countries and dates)   | NO  |  | HER COUNTRIES?   |
| Harvested seed of Tarragona was so   |   |  |  |
| The applicant(s) declare that a viable sample of basic seed of the variety will be fi<br>applicable, or for a tuber propagated variety a tissue culture will be deposited in | urnished with application ar                              | nd will be replenished upon request in accord  | ance with such regulations as may be   |
| •  | - harma sabantos à mist tilmi                             | italised for the duration of the certificate.  |  |
| The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tu<br>Section 42, and is smittled to protection under the provisions of Section 42 of the   | ber propagated plant variety. Plant Variety Protection Ac | y, and believe(s) that the variety is new, dist<br>it.   | inct, uniform, and stable as required in   |
| Applicant(s) is(are) informed that false representation herein can jeopardize protect  | ction and result in penalties.                            |  |  |
|  | SIGNATUR  | E OF APPLICANT (Owner(s))  |  |
| ATURE OF APPLICANT (Owner(si)  | 1   |  |  |
| Alteran  |   |  |  |
| Alteran  | NAME (Plea  | ese print or type  |  |
| E [Please print or type]  To RRAIYER   | NAME (Plea  | ose print or typel   |  |
| E Presse print or types  T. RAAMER   | NAME (Plea  |  | DATE   |
| E Please print of types  To KRAIYER  |   |  | DATE   |

# Exhibit A Origin & Breeding History

Tarragona originated from a plant selected from a commercial field of Desert Queen grown in Bard, California. The Desert Queen seed was grown by Genecorp in 1993 in the San Joaquin Valley of California. The seed was sold by Genecorp and planted for commercial production. The selected plant was a red oak leaf type whereas Desert Queen is an iceberg. The selected plant was removed from the field and was taken to the greenhouse in November 1994. The plant was allowed to reproduce and seed was harvested. The S1 seed was planted in the San Joaquin Valley of California in April 1995. The progeny was observed and it was segregating for several phenotypic traits. Thirteen selections were made based on leaf type, green color, red color, and plant size. The selected plants were allowed to reproduce, seed was harvested and planted in Yuma, Arizona in September 1995. The progeny from the #3 plant selected in the previous generation was observed and it was segregating for several phenotypic traits. selections were made based on leaf type, leaf margin and green color. The selected plants were taken to the greenhouse and allowed to reproduce. Seed was harvested from the selected plants and was planted in the San Joaquin Valley of California in April 1996. The progeny from the #2 plant selected in the previous generation was observed. It was segregating for red and green plants, the red plants were removed and the green plants were allowed to reproduce. Seed was harvested and planted in Yuma, Arizona in September 1996. The progeny was observed and three selections were made based on color, leaf margin and leaf shape. The selected plants were removed from the field and taken to the greenhouse where they were allowed to reproduce. Seed was harvested and planted in the San Joaquin Valley of California in April 1997. The progeny from the #1 plant selected in the previous generation was observed. It appeared uniform and had very desirable characteristics. The seed was harvested in bulk.

A trialing program began in the southwest and west in 1997.

Tarragona is uniform and stable without any variants or off-types noted in three sexual reproductions made in 1997, 1998 and 1999.

The most likely parents of Tarragona would be Desert Queen and a red oak leaf. An outcross could have occurred in the seed production field of Desert Queen or in the stock seed field of Desert Queen. Several varieties of lettuce are grown for seed in the same field and it is likely an insect could have transferred the pollen from one plant to another.

# **Exhibit B Statement of Distinctness**

'Tarragona' most closely resembles 'Frillice' but differs in having a darker green color. 'Tarragona' has a color of 137B on the RHS colour chart as compared to 146A for 'Frillice'. 'Tarragona' was measured against its most similar cultivar 'Frillice' in replicated field trials at the 6th leaf stage for leaf color (using a RHS color chart) for leaf margin incision, and at maturity for days to 15 cm (Table 1). Results for leaf margin incision indicated a significant difference between the two cultivars at the 95% confidence level. Results for leaf color and days to 15 cm also showed strong differences between the two varieties.

The deep incisions of the leaf on 'Tarragon' began at the basal part of the leaf. (See enclosed photo.)

Table 1. Evaluation of cv. Tarragona and the most similar cultivar, cv. Frillice, for color, leaf margin incision, and days to 15 cm.

|                         |                |                  |              | Leaf                             |                                      |  |
|-------------------------|----------------|------------------|--------------|----------------------------------|--------------------------------------|--|
| Trial No                | Cultivar       | Rep No.          | Colora       | Margin<br>Incision. <sup>b</sup> | No. of Days<br>to 15 cm <sup>9</sup> |  |
| Trial 1:                | cv. Tarragona: | Rep. 1           | 137B         | 3.2±0.1                          | 53                                   |  |
| Evaluated:<br>5 May 05  |                | Rep. 2           | 137B         | 3.2±0.1                          | 54                                   |  |
| Gonzales, CA            |                | Average:         | 137B         | 3.2±0.1                          | 54                                   |  |
|                         | cv. Frillice:  | Rep. 1<br>Rep. 2 | 146A<br>146A | 0 <del>+</del> 0                 | 73<br>73                             |  |
|                         |                | Average:         | 146A         | 0∓0                              | 73                                   |  |
| Trial 2:                | cv. Tarragona: | Rep. 1           | 137B         | 3.1±0.1                          | 55                                   |  |
| Evaluated:<br>17 May 05 |                | Rep. 2           | 137B         | 3.2±0.2                          | 53                                   |  |
| Chualar, CA             |                | Average:         | 137B         | 3.2±0.2                          | 54                                   |  |
|                         | cv. Frillice:  | Rep. 1<br>Rep. 2 | 146A<br>146A | 0 <del>+</del> 0                 | 74<br>75                             |  |
|                         |                | Average:         | 146A         | 0∓0                              | 75                                   |  |
|                         |                |                  |              |                                  |                                      |  |

Range of variation among means of statistically significant differences at the 95% level using the confidence interval [Cl  $\approx$  mean  $\pm$  (SDXSE)]:

3.18 to 3.22 0.0 to 0.0 cv. Tarragona cv. Frillice

per replication in cm  $\pm\,$  standard deviation.  $^{\rm c}$  Mean number of days until stem reaches 15 cm using two replications of 20 plants each. <sup>b</sup> Mean leaf margin incision depth using the 6th leaf from two sowing dates of 20 plants a Color evaluation was done using the Royal Horticultural Society color chart, U.K.

## U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE, LIVESTOCK AND SEED DIVISION

### OBJECTIVE DESCRIPTION OF VARIETY LETTUCE Lactuca sativa

|  | LETTUC  | E <u>Lactuca sativa</u>   |   |
|--|---|---|---|
| NAME OF APPLICANT (S)  |   |   | FOR OFFICIAL USE ONLY                               |
| Seminis Vegetable Seeds,   |   |   | PVPO NUMBER   |
| ADDRESS (Street and No. or R.F.D. No., C   | lity, State, and ZIP Code)                                      |   |   |
| 37437 State Highway 16   | •   |   | VARIETY NAME  |
| Woodland; CA 95695   |   | ,   |   |
|  | •   | •   | EXPERIMENTAL DESIGNATION                            |
|  |   |   |   |
| Place numbers in the boxes for the characte spaced plants. Royal Horticultural Society | ers which best describe this vi<br>or any recognized color stan | ariety. Measured data should be the<br>dard may be used to determine plan | mean of an appropriate number (at least 10) of well |
| The location of the test area is:  |   | Color System Used:  |   |
| Yuma. Arizona  |   | RHS   | <u> </u>  |
| 1. PLANT TYPE: (See list of suggeste   | d check varieties page 4.)                                      |   |   |
| 01=Cutting/Leaf  | 05=Great Lakes G  | roup 09=Stem  |   |
| 0 1 02=Butterhead 03=Sibb  | 05≖Vanguard Grou  | ip 10=Latin   |   |
| C4=Cos or Romain   | 07=Imperial Group<br>6 08=Eastern (Ithaca                       |   |   |
| 2. SEED: COLOR   | LIGHT DORM  | ANCY HEAT DO  | PRMANCY   |
| 1=White (Silver Gray) 2=Black (Gray Brown)   | 1=Light Requi   | 1 4 1 1-303055  | tible   |
| 3=Srown (Amber)  | 2 2= Light Not R  |   |   |
| 3. COTYLEDON TO FOURTH LEAF STA  | GE: NOTE: Provide a cold  | or photograph or photocopy of the   | fourth leaf from 20 day old seedling                |
| 2 SHAPE OF COTYLEDONS  |   | ntermediate 3=Spatulate   |   |
| <u> </u>   | <del></del>   | •   |   |
| . A140   |   |   | •   |
| SHAPE OF FOURTH LEAF   | •   |   | $\wedge$  |
| ₩  |   |   | /   |
| •  | _ (   | \   | 111 215   |
|  |   |   |   |
|  |   |   | 11 515  |
|  |   | <i>J</i> \   /  | $11 \sim 10^{-1}$                                   |
|  |   | / \   |   |
|  |   | A.  | (I) ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~           |
| 1  | 2 3   | 4   | 5 6   |
| •  |   | •   |   |
|  |   |   |   |
| 1 2 LENGTH/WIDTH INDEX O   | F FOURTH LEAF: L/W x 1  | 0 .   | ,   |
|  |   |   |   |
| 6 APICAL MARGIN:   | 1=Entire  | 4=Moderately Dentate  | 7=Lobed   |
| BASAL MARGIN:  | 2=Creanate/Gnawed   | 5=Coarsely Dentate  | 8=OTHER (specify)                                   |
| 5 sasac mangin:  | 3=Finely Dentate  | 6=Incised   | · · · · · · · · · · · · · · · · · · ·               |
|  |   |   |   |
| 4 UNDULATION:  | 1=Flat  | 2=Slight  | 3=Medium 4=Marked                                   |
| C CREEN COLOR.   | 1=Yellow Green  | 3=Medium Green  | 5=Blue Green 7=Gray Green                           |
| 4 GREEN COLOR:   | 2=Light Green   | 4=Dark Green  | 5=Blue Green 7=Gray Green<br>6=Silver Green         |
| ANTHOCYANIN:   |   |   |   |
| 1 DISTRIBUTION:  | 1=Absent  | 3=Spotted   | 5=OTHER (specify)                                   |
| 1 DISTRIBUTION:  | 2=Margin Only   | 4=Throughout  |   |
| CONCENTRATION:   | 1=Light   | 2=Moderate  | 3=Intense   |
|  |   | Z-MODELATE .  | 2-Intense   |
| 2 ROLLING:   | 1=Absent  | 2=Present   |   |
|  |   |   |   |
| 3 CUPPING:   | 1=Uncupped  | 2=Slight  | 3=Markedly  |
|  |   | <del>-</del>  |   |
| 3 REFLEXING:   | 1=None  | 2=Apical Margin   | 3=Lateral Margins                                   |
|  |   |   |   |

|            |        |  |   | Ga U  | UUU0129                                   |
|------------|--------|--|---|---|---|
|            |        | RE LEAVES (observe harvest-ma                              |   | •   |   |
|            | 0.2.   | MARGIN:  | nature leaves which accurately shows color                        | and mergin characteristics.   | ,   |
|            |        | 3 INCISION DEPTH: Ideepest penetration of                  | 1=Absent/Shallow (Dark Green Boston the margin)                   | a) 2=Moderate (Vanguard)  | 3=Deep (Great Lakes 659)                  |
|            |        | 3 INDENTATION: (finest divisions of the mark               | 1=Entire (Dark Green Boston) 2=Shallowly Dentate (Great Lakes 65) | 3=Deeply Dentate (Great Lakes 659)<br>4=Crenate (Vanguard)                      | 5=OTHER (apecify)                         |
|            |        | 3 UNDULATION OF TH<br>APICAL MARGIN:                       | E 1=Absent/Slight (Dark Green Boston)                             | 2=Moderate (Vanguard)   | 3=Strong (Great Lakes 659                 |
|            |        | GREEN COLOR:   | 1=Very Light Green (Bibb)<br>2=Light Green (Minetto)              | 3=Medium Green (Great Lakes)<br>4=Dark Green (Vanguard)                         | 5=Very Dark Green<br>6=OTHER              |
|            |        | ANTHOCYANIN (grown at                                      | or below 10 C):   |   |   |
|            | L      | DISTRIBUTION:  | 1=Absent<br>2=Margin Only (Big Boston)                            | 3=Spotted (Calif, Cream Butter) 4=Throughout (Prize Head)                       | 5=OTHER (specify)                         |
|            |        | CONCENTRATION:   | 1=Light (Iceberg)   | 2=Moderate (Prize Head)   | 3=Intense (Ruby)                          |
| -          |        | SIZE:  | 1=Smail   | 2=Medium  | 3=Large                                   |
|            |        | GLOSSINESS:  | 1=Dull (Vanguard)   | 2=Moderate (Salinas)  | 3=Glossy (Great Lakes)                    |
| -          |        | BLISTERING:  | 1=Absent/Slight (Salinas)   | 2=Moderate (Vanguard)   | 3=Strong (Prize Head)                     |
|            |        | LEAF THICKNESS:  | 1=Thin  | 2=Intermediate  | 3=Thick                                   |
| · .        | 1      | TRICHOMES:   | 1=Absent (smooth)   | 2*Present (spiny)   |   |
| -          |        | ot market stage. Choose a compa<br>¬ SPREAD OF FRAME LEAVE | rison variety appropriate for this type.):                        | NOT APPLICABLE  |   |
|            | 3 1    | cm This Variety  | 29 cm Frillier  | (specify comparison variet  | 1   |
| Г          | 1      | HEAD DIAMETER (market :                                    | rimmed with single cap leaf):                                     | ispectify Comparison variet   | 5)  |
| L          |        | cm This Variety  | 20 cm Frillice  | (specify comparison variety   | <b>Y</b> )                                |
| 2100       | 5      | HEAD SHAPE:  | 1=Flattened<br>2=Slightly Flattened                               | 3=Spherical<br>4=Elongate   | 5=Non-Heading<br>6=OTHER                  |
|            |        | HEAD SIZE CLASS:   | 1=Small   | 2=Medium  | 3=Large                                   |
| 2          | 4      | HEAD COUNT PER CARTON                                      | <b>4</b>  |   |   |
| 4 1        | 9      | HEAD WEIGHT: 9 This Variety                                | 4873, Frillice  | (specify comparison variety   |   |
|            |        | HEAD FIRMNESS:   | 1=Locse<br>2=Moderate   | 3=Firm<br>4=Very Firm   |   |
| . BUT      | T (bot | tom of morket-trimmed head):                               | NOT ADDITIONS   |   | · · · · · · · · · · · · · · · · · · ·     |
| 200        | 3      | SHAPE:   | NOT APPLICAB  |   | 3=Rounded                                 |
|            | 2      | MIORIB:  | 1=Flattened (Salinas)   | 2=Moderately Raised   | 3=Prominently Raised (Great<br>Lakes 659) |
|            | (stem  | of market-trimmed head):                                   | NOT APPLICA   | RIF   | Cakes 605)                                |
| 2          | [9]    | mm Diameter at base of head                                | NOT ATTEICA   | , M   |   |
| $\sum_{i}$ | . J    | Ratio of head diameter/core dia                            |   |   |   |
| 4          | 19     | Core height from base of head to<br>mm. This Variety       | 26 mm Frillice  |   | )   |
| BOLT       | 'ING ( | Give First Water Date 4-1-                                 | NOTE: First Water Date is to<br>to germinate. This can and of     | he date seed first receives adequate mois<br>iten does equal the planting date, | ture                                      |
| 7          | 4      | Number of days from First Wate<br>This Variety             | er Date to seed stalk emergence (summer co                        | onditions):   | •   |
| . [        | 4      | BOLTING CLASS.   | =Very Slow  | (specify comparison variety) 3=Medium 5 4=Rapid                                 | -Very Rapid                               |
| 71         |        | Height of mature seed stalk:<br>cm This Variety            | 80 <sub>cm</sub> Frillice   |   |   |
|            |        |  | 1 1 - 1 - 1 cm  | (specify comparison pariety)  |   |

| 8.    | BOLTING cont        | ı'd.  |                        |                                   |                         |   |
|-------|---------------------|---|------------------------|-----------------------------------|-------------------------|---|
|       |                     | •   | da.a                   | •                                 |                         |   |
|       |                     | pread of Bolter Plant (at with This Variety | 4 0 cm                 | Frillice (*pecify con             | mparison variety)       |   |
| •     | 2 80                | OLTER LEAVES:                               | 1=Straight             | 2=Curved                          | -                       |   |
|       | 2                   | MARGIN:                                     | 1=Entire               | 2=Oentate                         |                         | _ |
|       | <u></u>             | COLOR:                                      | 1-Light Green          | 2≃Medium Green                    | 3≃Dark Green            | _ |
|       | во<br>2             | ILTER HABIT:<br>TERMINAL<br>INFLORESCENCE:  | 1≃Absent               | 2=Present                         |                         | _ |
| ٠     | . 2                 | LATERAL SHOOTS:                             | 1=Absent               | 2=Present                         |                         |   |
|       | 2                   | BASAL SIDE SHOOTS:                          | 1=Absent               | 2=Present                         |                         |   |
| 9.    |                     | rliness of harvest-mature he                |                        | NOT APPLICABLE                    |                         | _ |
|       | NOTE: Comp          | plete this section for at leas              |                        | <u></u>                           |                         |   |
|       | SEASON              | Applic.1/ #of days                          | Check 1/ = of days     | CHECK V                           | ARIETY 4                |   |
|       | Spring              | 068   | 082                    | Frillice                          |                         |   |
| hy.   | Summer              | 053   | 066                    | Frillice                          |                         | • |
| 23/06 | Fall                | 06.4  | 080                    | Frillite                          |                         | ٠ |
|       | Winter              | 086   | 104                    | Frillice                          |                         |   |
| G     | ive planting date(  | s), and location(s):                        |                        | •                                 |                         |   |
|       | Spring              | 0.000                                       | Salinas, Ca            | lifornia                          |                         |   |
|       | Summer              | 24, June, 2005                              | alinas. Ca             | lifornia                          |                         |   |
|       | Fall                | 19, August, 21                              | •                      | as, California                    |                         |   |
|       | Winter              | 16 November,                                | 2005 9                 | uma, Arizona                      |                         |   |
|       |                     | r date to harvest.                          | 2/Fill in check vari   | ety name on the appropriate line. |                         | _ |
| 10. 1 | ADAPTATION:<br>PRIM | IARY REGIONS OF ADA                         | PTION (tested and prov | ven adapted): (0=Not tested 1=    | =Not Adapted 2=Adapted) | • |
|       | 2 South             | west (Calif., Ariz. desert)                 | 2 West Coa             | st O Northeast                    |                         |   |
|       |                     | central                                     | O Southeast            |                                   |                         |   |
|       | SEAS                |   |                        |                                   |                         | • |
|       | 2 s                 | Spring (area <u>Southwe</u>                 | st                     | 2 Fall (area West Coas            | <u>st</u> )             |   |
|       | 2 s                 | Summer (area <u>West Co</u>                 | ast                    | 2 Winter (area Southwe            |                         |   |
|       | 0 GREE              | NHOUSE: 0                                   | =Not tested            | 1=Not Adapted                     | 2=Adapted               |   |
|       | 1 soil              | TYPE: 1                                     | •Mineral               | 2=Organic                         | - 3=Both                |   |
|       |                     |   |                        |                                   |                         | _ |

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| 11. DISEASES AND STRESS REACTIONS (0=Not tested: 1- | Susceptible: 2=Intermediate: 3=Resistant; 4=Highly resistant; 5=Tolerant): |
|---|--|
| VIRUS   | FUNGAL/BACTERIAD 00129   |
| 0 Big Vein  | O Corky Root Rot (Pythium Root Rot)  |
| O Lettuce Mosaic                                    | 0 Downy Mildew (Races)   |
| O Cucumber Mosaic                                   | n Powdery Mildew   |
| O Sroad Bean Wilt                                   | Sclerotinia Rot  |
| Turnip Mosaic                                       | Bacterial Soft Rot (Pseudomonas spp. & others)                             |
| 3eet Western Yellows                                | 0 Botrytis (Gray Mold)   |
| O Lett. Infectious Yellows                          | OTHER  |
| Other Virus   |  |
| INICCATE  |  |
| INSECTS  Cabbage Loopers                            | PHYSIOLOGICAL/STRESS  O Tipbum  O Salt                                     |
| Root Aphids   | Heat O Brown Rib (Rib Discoloration, Rib Blight)                           |
| Green Peach Aphid                                   | O Drought OTHER  |
| Other Insect  | O Cold   |
|   |  |
|   | POST HARVEST   |
| OPink Rib   | o Internal Rib Necrosis (Blackheart, Gray Rib, Gray Streak)                |
| URusset Spotting                                    | 0 Brown Stain  |
| QRusty Brown Discoloration                          |  |
| 12. BIOCHEMICAL OR ELECTROPHORETIC MARKERS:         |  |
|   |  |
|   |  |
| 13. COMMENTS:                                       |  |
|   | d for Spring Mix only. The leaves stage and are not grown to maturity.     |
|   | Sections 5, 6, 7, & 9 do not apply.  |
|   |  |
|   |  |
|   |  |
|   |  |
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|   |  |
|   | ·  |
| sugg  | ESTED CHECK VARIETIES  |
|   |  |

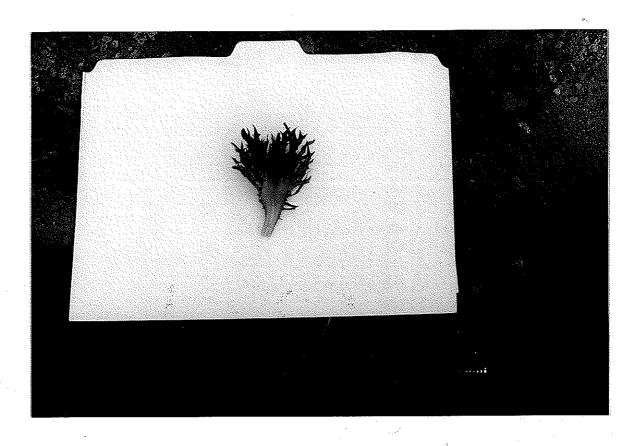
#### TYPE

CUTTING/LEAF BUTTERHEAD BIBB COS. OR ROMAINE GREAT LAKES GROUP VANGUARD GROUP IMPERIAL GROUP EASTERN GROUP STEM LATIN

1) 2) 3) 4) 5) 6) 7) 8) 9) 10)

#### CHECK VARIETY

SALAD BOWL DARK GREEN BOSTON BIBB PARRIS ISLAND GREAT LAKES 659-700 VANGUARD VIVA ITHACA CELTUCE MATCHLESS



'Tarrangona'





| REPRODUCE LOCALLY. Include form number and date on all seproductions.   | FORM APPROVED - OMB N   | 10.0581-0056 ÉXPIRÉS: 12-31  |
|---|---|--|
| AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE  | The following statements are med 1974 (5 U.S.C. 552a) and the Pap           | de in eccordence with the Privacy Accordence with the Privacy Accordence Reduction Act (PRA) of 1995   |
| EXHIBIT E   | Application is complete in nodes a  |  |
| STATEMENT OF THE BASIS OF OWNERSHIP   | certificate is to be issued (7 U.S.C. until certificate is issued (7 U.S.C. |  |
| 1. NAME OF APPLICANT(S)   | 2. EMPORARY DESIGNATION   | 3. YARIETY NAME  |
| SEMINIS VEGETABLE SEEDS   | OR EXPERIMENTAL NUMBER  | The state of the s |
|   | GX920   | TARRAGONA  |
|   |   |  |
| 4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)  | 5. TELEPHONE (Include area code)  |  |
| 37437 STATE HIGHWAY 16  | 530-669-6172  | 530-666-6791   |
| WOODLAND, CA 95695  |   | *  |
| ,   | 7. PVPO NUMBER 200  | 000129   |
| . Does the applicant own all rights to the variety? Mark an "X" in appropriate  | block if an along and in  |  |
| ·   | block. It no, please explain.   | X YES. NO  |
|   |   |  |
|   | ·   |  |
|   |   |  |
| is the applicant (individual  |   |  |
| Is the applicant (individual or company) a U.S. national or U.S. based company If no, give name of country  | ' <sup>?</sup>  | YES NO   |
|   |   |  |
| Is the applicant the original breeder? If no, please answer the following:  |   | 7  |
| a. If original rights to variety were owned by individual(s):   | L2  | YES NO   |
| b. If original rights to variety were owned by a company:   |   | YES NO   |
| Is the original breeder(s) U.S. based company? If no, give name of cour   | ntry  |  |
| Additional explantion on sweetship ##   |   |  |
| Additional explantion on ownership (If needed, use reverse for extra space):  |   |  |
|   |   |  |
|   |   | •  |
| EASE NOTE:  |   |  |
| variety protection can be afforded only to owners (not licensees) who meet one  | of the following criteria:  |  |
| the rights to the variety are owned by the original breeder, that necess must be  | and Constant and a tractice tractice  | OV member country, or national   |
| protection to matienals of the 0.5. for the same  | genus and species.  |  |
| the rights to the variety are owned by the company which employed the original ionals of a UPOV member country, or owned by nationals of a country which a nus and species. | al breeder(s), the company must be<br>ffords similar protection to nationa  | B U.S. based, owned by<br>als of the U.S. for the same   |
| he applicant is an owner who is not the original breeder, both the original breed   | der and the applicant must meet of  | ne of the above criteria.  |
| riginal breeder may be the individual or company who directed final breeding  |   |  |
|   |   |  |

is a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call [202] 720-7327 (voice) or [202] 720-1127 (TDDL USDA is an equal summer annulus annulus. ryment opportunity employer,

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